

Abstract

In an apparatus for cutting pattern pieces and creating apertures in sheet-type work material a frame has a support surface mounted thereon for carrying at least one layer of the work material. A carriage is coupled to the frame for movement back-and-forth there along a first coordinate direction in response to commands issued from a controller. A cutting head is mounted to the carriage and moves in a second coordinate direction along the carriage approximately perpendicular to the first coordinate direction. A rotary die is coupled to the cutting head and at least one cutting tool is mounted to the rotary die. The cutting tool includes a shaped cutting portion corresponding to the shape of an aperture to be formed in the work material. During operation the rotary die is movable between a working position wherein the cutting tool engages the work material and a non-working position wherein the rotary die is positioned away from the work material.